ECOPEDO

ode

Owner's Manual

2.

PRINTSPEC: EN_ODE-2010v1
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ECOPEDO

WARNING / AVERTISSEMENT

IMPROPER ELECTRIC BICYCLE USE CAN RESULT IN SEVERE INJURY OR DEATH

L'UTILISATION INAPPROPRIÉE DU VÉLO POURRAIT ENTRAÎNER DES BLESSURES GRAVES VOIRE MORTELLES.

ALWAYS USE A DOT APPROVED HELMET AND PROTECTIVE GEAR

TOUJOURS PORTER UN CASQUE ET DES VÉTEMENTS DE SÉCURITÉ APPROUVÉS

DO NOT CARRY PASSENGERS

NE JAMAIS ACCEPTER DE PASSAGERS

NEVER USE ON HIGH SPEED ROADS

NE JAMAIS UTILISER LE VÉLO SUR DES ROUTES À GRANDE VITESSE

NEVER USE WITH DRUGS OR ALCOHOL

NE JAMAIS UTILISER SOUS L'INFLUENCE DE DROGUES OU D'ALCOOL

NEVER OPERATE:

- Without proper training or instruction.
- At speeds too fast for your skills or conditions.

NE JAMAIS UTILISER:

- Sans avoir été entraîné ou informé sur l'utilisation de l'équipement.
- À des vitesses trop rapides pour son niveau de connaissance ou pour les conditions de la route.

ALWAYS:

- Wear proper riding gear.
- Avoid un-paved surfaces as they may seriously affect handling and control.

TOUJOURS:

- Porter des vêtements de conduite appropriés ainsi que des lunettes de sécurité.
- Éviter les surfaces non pavées qui pourraient sérieusement affecter le contrôle du volant.

READ OWNER'S MANUAL CAREFULLY BEFORE OPERATING.
FOLLOW ALL INSTRUCTIONS AND WARNINGS.

LIRE ATTENTIVEMENT LE MANUEL DE L'USAGER AVANT D'UTILISER LE VÉLO. SUIVRE LES INSTRUCTIONS ET AVERTISSEMENTS DE CE MANUEL.

WARNING / AVERTISSEMENT

This manual should be considered a permanent part of your ECOPED and should remain with the ECOPED when resold or otherwise transferred to a new user or operator. The manual contains important safety information and instructions should be read carefully before operating the ECOPED.

IMPORTANT!

DO NOT RETURN TO STORE!
CONTACT ECOPED FOR ASSISTANCE.

NOTICE IMPORTANTE!

NE RENVOYER PAS AU MAGASIN!
CONTACTEZ ECOPED POUR L'ASSISTANCE.

4.

THIS VEHICLE IS A POWER ASSISTED BICYCLE AND MEETS ALL THE REQUIREMENTS UNDER SECTION 2(1) OF THE CANADA MOTOR VEHICLE SAFETY REGULATIONS.

CE VÉHICULE EST UNE BICYCLETTE ASSISTÉE ET RECONTRE LA NORME 2(1) DU RÈGLEMENT SUR LA SÉCURITÉ DES VÉHICULES AUTOMOBILES DU CANADA.

WELCOME

Thank you for purchasing the ECOPED Ode.

LIMITED WARRANTY

ECOPED gives a 90 DAY LIMITED WARRANTY from the original date of purchase on all components of the ECOPED Electric Bicycles against defects in material or workmanship. During the warranty period ECOPED will repair, provide replacement parts or replace your ECOPED Ode at no charge at the discretion of ECOPED. This warranty does not cover normal wear items or damage caused by neglect or misuse of the product.

Electric Motor	90 Days
Battery (see battery section)	90 Days
Frame	90 Days

Warranty void if:
- Frame is bent or broken.
- Wheels are bent or broken.
- Fender is bent or broken due to abuse.
- Any sign of accident, impact, jumping, spinouts or roll over.
- Any ECOPED that has been altered structurally, modified, neglected, improperly maintained or used for racing.
- Improper or infrequent battery charging (see battery section).

The warranty begins on the original date of purchase. This warranty is not transferrable to another consumer.

All information contained within this publication is based on the latest product information at the time of publication. Due to constant improvements in the design and quality of production components, some minor discrepancies may result between the actual vehicle and the information presented in this manual. We reserve the right to make product changes at any time, without notice and without incurring any obligation to make the same or similar changes to the ECOPED previously built or sold. Depictions and/or procedures in this publication are intended for reference use only. ECOPED is not liable for any incidental, consequential, or contiguous damages arising from the use of this product.

REGISTRATION

The warranty registration form must be submitted to ECOPED within 30 days of purchase along with the UPC (Universal Product Code) label on the box. The registration form can be found on the last page of this Owner's Manual or online at www.ecoped.ca.

BOTH the registration form and UPC label must be submitted in order to activate the warranty coverage.

To register your ECOPED by mail, submit both the UPC label and completed registration form to the address listed on the form. You can also register your ECOPED online at: www.ecoped.ca (UPC label must still be mailed to the address listed on the registration form). Upon receipt of this registration, ECOPED will record and register your warranty. No verification of registration and warranty will be sent to the purchaser.

NO WARRANTY COVERAGE WILL BE ALLOWED UNLESS YOUR ECOPED IS REGISTERED WITH ECOPED AND THE UPC LABEL HAS BEEN PROVIDED.

6.

The bicycle's serial number is located under the seat, adjacent to the removable battery. DO NOT REMOVE THIS STICKER!

WARRANTY COVERAGE AND EXCLUSIONS

ECOPED limited warranty excludes any failures that are not caused by a defect in material or workmanship. The warranty does not cover accidental damage, normal wear and tear, abuse, or improper handling. This warranty does not cover any ECOPED that has been altered structurally, modified, neglected, improperly maintained, or used for purposes other than for which it was manufactured and intended. ECOPED does not cover any damages which occur during trailer transit or as a result of unauthorized service or the use of unauthorized parts including chemicals, fuels, and lubricants.

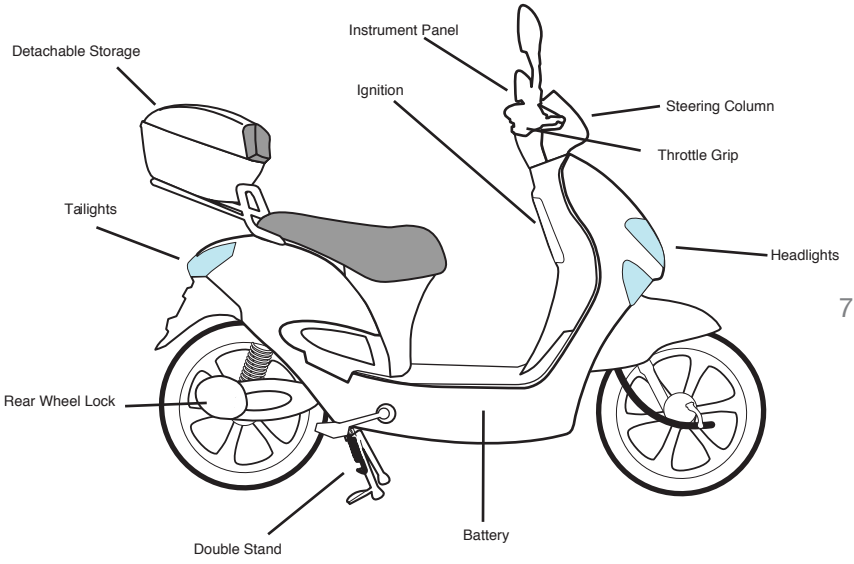
PLEASE SEE THE SAFETY SECTION BEFORE OPERATING THE ECOPED!

Initial set-up of your ECOPED is very important in ensuring trouble-free operation.

HOW TO OBTAIN WARRANTY SERVICE

If your ECOPED requires warranty service, please contact the ECOPED customer service center at 1-877-528-3772 for instructions on filing for a warranty claim. You can also find a list of authorized ECOPED service centers listed on the website: www.ecoped.ca. When requesting warranty service you must have your copy of the Warranty Registration form and the sales receipt for authorization.

YOUR ECOPED ODE



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1. SAFETY

WARNING!
Failure to follow the safety instructions in this manual may result in serious injury and/or death.

1.1 AGE RESTRICTIONS

Operation is prohibited for anyone under the age of 16.

KNOW YOUR ECOPED

The operator of the ECOPED is responsible for their own personal safety, as well as the safety of others.

Never operate the ECOPED without proper understanding of Safety Training in the Owner's Manual. ECOPED highly recommends that beginners take a training course with a licensed instructor. You can access information on electric bicycle rider training programs on our website: www.ecoped.ca

Operating your ECOPED without proper instruction could be hazardous to the operator. The risk of injury may increase greatly if you are not trained to operate the ECOPED properly under different situations and weather conditions.

For information on e-bike legislation in your area, please visit www.ecoped.ca. Under the duration of provincial pilot programs, all conventional bicycle legislation and fines apply to the use of e-bikes, such as your new ECOPED Ode.

1.2 SAFETY LEGEND

You will come upon the following types of safety notes and reminders when reading this manual.

WARNING!
This safety alert warning indicates a potential hazard that may result in serious personal injury.

CAUTION!
This safety alert caution indicated a potential hazard that may result in minor personal injury or damage to the vehicle.

1.3 IMPORTANT SAFETY NOTES

Serious personal injury can result if you do not follow the instructions and procedures listed below. Further notes are listed throughout the manual.

Make sure to read this manual and all labels carefully, and follow the operating procedures described on how to properly use your ECOPED.

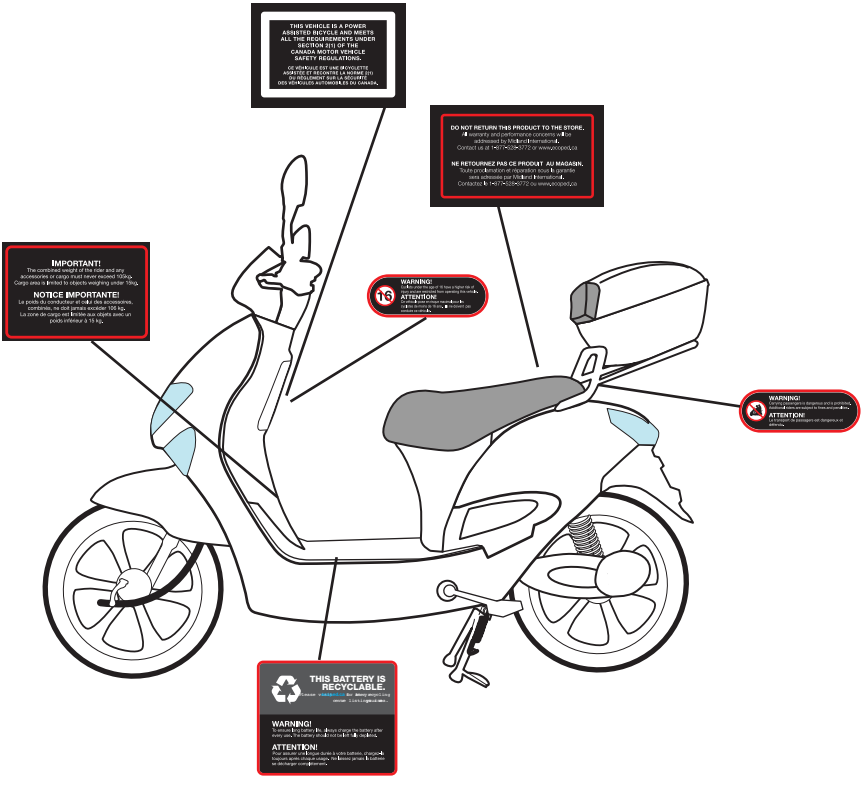
- Never allow anyone under the 16 years of age to operate the ECOPED.
- Never ride on sidewalks or pedestrian walkways.
- The ECOPED is not recommended for anyone shorter than 60" tall.
- Do not use headphones or cellular phones when operating your ECOPED.
- Do not operate while barefoot, wearing sandals, open toed, high-heeled, platform, or slip on footwear, as this may pre vent you from conducting emergency braking procedures.
- Always be fully seated when riding your ECOPED.
- Avoid riding on uneven surfaces.
- Do not ride with clothing or extremities in close proximity to the drive chain or any moving parts.
- Always use both brakes at the same time when stopping.
- Never accelerate and have one or both brakes engaged at the same time. This will damage the motor and drivetrain.
- Do not remove any components as this will jeopardise your safety and the performance of your ECOPED.
- Never exceed speeds of 32km/h (20mph).
- Do not carry cargo that will obstruct your front or rear line of sight.
- Always operate your ECOPED at safe speeds which will allow you to avoid any sudden obstacles and allow for safe braking.
- Never attempt wheelies, jumps, or any other stunts.
- Always inspect your ECOPED before each use to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules outlined in your owner's manual.
- Always keep both hands on the handlebar and both feet on the footrest of the bicycle during operation.

- Always follow proper turning procedures as described in this manual. Avoid turning at excessive speeds.
- Avoid riding over debris or obstacles on the road, such as potholes and fallen tree branches.
- Always be careful of skidding or sliding. On slippery surfaces, such as ice, travel slowly and use extra caution to reduce the possibility of skidding or sliding out of control.
- Never operate your ECOPED while under the influence of alcohol or drugs.
- Do not operate the bicycle if tires are not within the recom mended pressures.
- Take extra caution and follow installation instructions when modifying your ECOPED with factory accessories.
- Never exceed the stated load capacity for your ECOPED. Cargo should be evenly distributed and attached securely. Reduce speed and follow the instructions in this manual for carrying cargo and make sure to allow longer distances for braking.
- Never modify your ECOPED with homemade accessories. Doing so will void the warranty and may cause unpredict able performance of your vehicle, posing a risk to your safety.

1.4 SAFETY DECALS AND LOCATIONS

Warning decals have been placed on the ECOPED for your protection and future reference in case of uncertainty. Read and follow the instructions of the decals and other warnings on the ECOPED carefully. If any of the decals shown in this manual differ from the decals on your ECOPED, always read and follow the instructions of the decals on the bicycle.

If any decal becomes illegible or comes off, contact ECOPED for a replacement.


THIS VEHICLE IS A POWER ASSISTED BICYCLE AND MEETS ALL THE REQUIREMENTS UNDER SECTION 2(1) OF THE CANADA MOTOR VEHICLE SAFETY REGULATIONS.
DO NOT RETURN THIS PRODUCT TO THE STORE.
NE RETOURNEZ PAS CE PRODUIT AU MAGASIN.
IMPORTANT!
NOTICE IMPORTANTE!
WARNING!
ATTENTION!
THIS BATTERY IS RECYCLABLE.
WARNING!
ATTENTION!

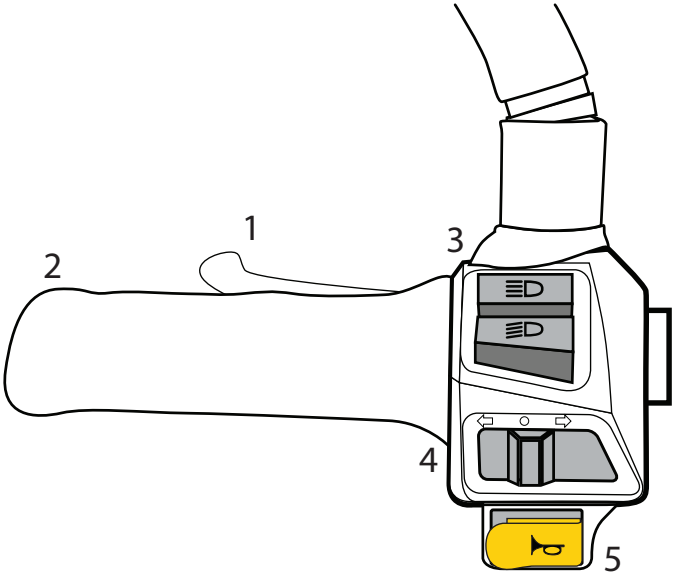
1.5 SAFETY GEAR

A DOT approved bicycle helmet is the most important part of your safety gear. An approved bicycle helmet can help prevent a serious head injury.

Goggles are also an important safety compnent of your safety gear. When travelling on your ECOPED, insects and airborne debris may become a serious hazard, and hitting them may result in eye injury. Your goggles will protect you from eye injury.

2. DISPLAY UNIT
2.1 LEFT HANDLEBAR

Make sure to familiarize yourself with the controls. Your left handlebar has the following controls:

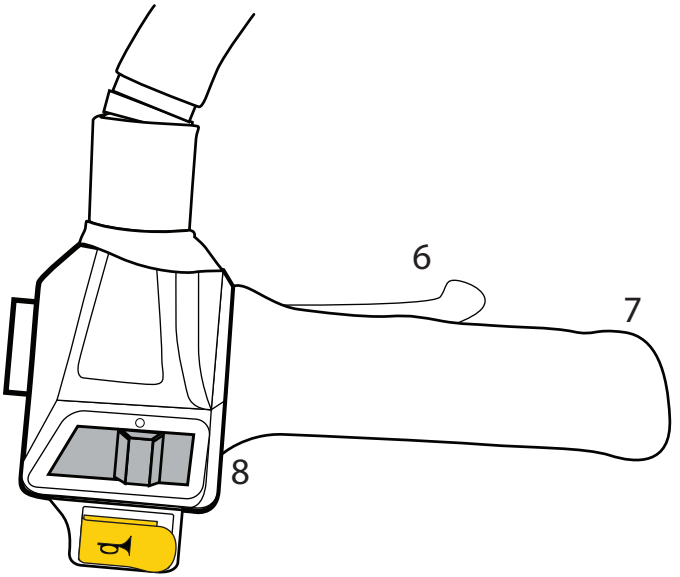


1. Left Brake Lever - Use for engaging or disengaging the rear brake.
2. Left Grip
3. Intensity Switch - By toggling between the two modes, you can increase or decrease your headlight intensity.
4. Signal Switch - By sliding this switch to either side, you can signal left or right, informing vehicles around you of where you intend to turn.
5. Left Horn Switch

2.2 RIGHT HANDLEBAR

Make sure to familiarize yourself with the controls. Your right handlebar has the following controls:

1.

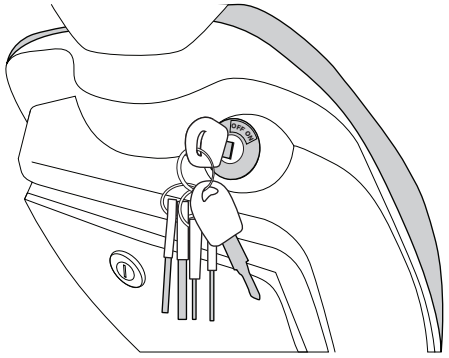


16.

1. Right Brake Lever - The right brake lever engages or disengages the front brake. Apply the rear brake by squeezing the lever towards the grip. Release the lever to disengage the brake.
2. Right Grip - The throttle grip. Twisting the throttle grip towards you will speed up the ECOPED. Twisting it away from you will slow the ECOPED down.
3. Headlight and Dash Light Switch - Slide the switch to the left to only turn the instrument panel light on. Slide the switch all the way to the left to switch on both the instrument panel light and the headlight.

2.3 IGNITION

Your ECOPED is equipped with a two step ignition system, which better protects your ECOPED from ignition jack based theft. You are also provided with a unique set of keys, which work specifically and only with your ignition. To turn your ECOPED on, simply insert and twist the key to the 'ON' position.



2.4 DISPLAY UNIT

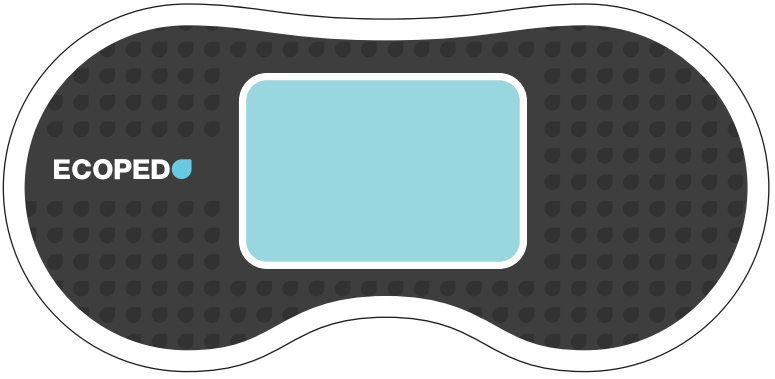
Be careful when reviewing indicators, speed, and battery gauges, as you must always keep your eyes on the road. Make sure to study your controls before riding.

The battery meter indicated your current battery charge, 'H' being high and 'L' being low.

The 'left' light will flash yellow once you decide to signal a left turn.

The 'right' light will flash yellow once you decide to signal a right turn.

The headlight will be ON as long as the headlight indicator is lit.



2.5 WHEELS

Your ECOPED runs on two wheels, each made up of one rim, one tire and one tube. Each rim is specially designed for their use on ECOPED electric bicycles.

2.6 TIRES

Your ECOPED runs on two identical hard compound tires to ensure maximum longevity. Your tires have specially designed, multi-use T88 treads that was developed specifically for use on all kinds of tarmac and loose gravel surfaces. The tires on your ECOPED run on air tubes, which ensure maximum protection against sharp debris on the road. Keep your tires inflated to 28-34PSI. When treads become worn, replace your tires with ECOPED approved tires.

2.7 MOTOR

Your ECOPED runs on a DC 500W, 48V brushless motor. It is located in the rear wheel hub and is designed for quick and quiet acceleration and resistance free operation.

CAUTION!

Only use ECOPED authorized replacement parts. Using homemade parts will void the warranty and may cause unpredictable behaviour, with may result in serious injury and damage to your ECOPED.

2.8 BATTERY

Your ECOPED is equipped with a 4.8V, 8A (Rated) lead acid rechargeable battery that has a life of about 400-500 charges and is designed to carry you on a distance of 50-60km, depending on the terrain, slope, and load. All of these factors will influence the battery's life per charge. Located beneath the seat, it weighs more than 10kg and must be handled with care. Due to its weight and location, ECOPED recommends at least two people to take part in removing the battery. Due to the chemical structure of the battery, it must be handled with caution and care. Make sure to follow the directions listed in this manual.

WARNING!

This product contains lead and lead compounds, chemicals known to cause harm to your health. Make sure to wash hands after handling.

2.8.1 BATTERY WARNINGS

WARNING!

In case of eye contact with any battery chemicals, rinse with water for at least 15 minutes and get medical attention.

The sulphuric acid contained within the battery can cause blindness and severe burns if in contact with skin.

The chemicals contained within the battery are extremely flammable and must be kept away from sparks, fire, and cigarettes.

When handling the battery, always wear eye protection.

The chemicals contained within the battery are extremely explosive. Handle with care.

2.8.2 CHARGER

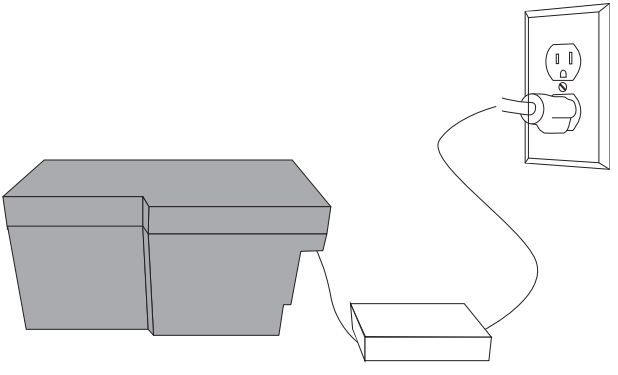
Your ECOPED comes with an intelligent charger, which automatically detects and monitors the battery level while charging. Your intelligent charger is designed for your battery and must not be used with any other battery. The charger has two cables; an input and an output. The input is the connector that looks similar to most home appliance connectors. The input plug must be connected to the wall outlet when charging and the rectangular output connects to the ECOPED.

CAUTION!

Using a charger or battery that is not certified for use with your ECOPED may result in personal injury or permanent damage to your bicycle. See your ECOPED dealer for placement information.

2.8.3 FIRST TIME CHARGE

Your rechargeable battery is one of the key elements of your ECOPED and must be treated with care. Please follow the outlined procedures for charging the battery.



1. Connect the charger to an electrical oulet. ‘Power’ light will turn on.
2. Make sure the ignition key is removed and only then connect the charger to the ECOPED. ‘Charging’ light will turn red.
3. Charge for 6 hours until the ‘Charging’ light turns green.
4. When the ‘Charging’ light turns green, detach the charger from the outlet.
5. Detach the charger from the ECOPED.

2.8.4 REGULAR CHARGE

To perform a regular charge, you must either:

1. Remove the battery from its designated place in your ECOPED and charge it by connecting it directly to the charger.
2. Connect the charger directly to the outlet on your ECOPED, which is located just beneath the seat.

Charge your battery after every use as per the procedure outlined above and do not allow it to fully discharge, as this may permanently damage the battery). Avoid frequently removing the battery for charging, as unnecessary movement may damage the electrical connections or agitate the chemicals inside.

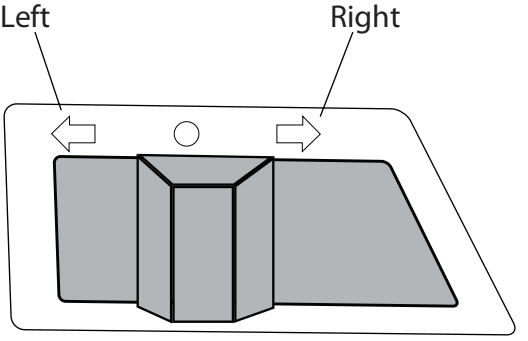
2.9 LIGHTING

Your ECOPED is equipped with front and rear lights in order to ensure your visibility to other vehicles on the road. Every time you signal or brake, an appropriate light turns on or begins to blink. When signalling right or left, an orange light will begin to blink of the appropriate side of your ECOPED. A sound will also be emitted in order to keep you informed. When braking, a red light will go off on the back of the bicycle. Headlights must be turned on, either low or high-beam mode, when poor lighting conditions may hinder your visibility.

2.9.1 LEFT/RIGHT SIGNALS

The procedures below outline how to signal turns with your ECOPED.

1. Slide the switch to either the left or right. The switch will click and then go back to its initial position.
2. To turn the signal off, press the switch down and it will click back into its initial position.

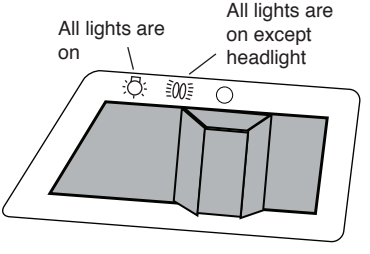


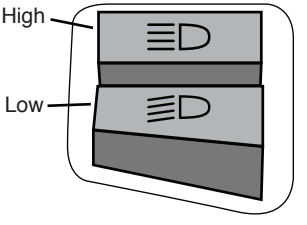
2.9.2 HEADLIGHTS

To turn your headlights on, simply slide the headlight switch to the appropriate position, as seen in the diagram below. The back light for your instrument panel will turn on automatically.

2.9.3 HIGH & LOW BEAMS

To toggle between the high and low beams, push the switch to the appropriate positions, as seen in the diagram below.





2.9.4 MIRRORS

Mirrors are an important safety feature of your ECOPED and must remain installed at all times. Mirrors are designed to keep you safe by informing you of the conditions around you. Adjust your mirrors to a position, which ensures maximum range of visibility from behind. Failure to follow the above outlined procedures can cause an accident, resulting in serious injury.

3. INSPECTION

Inspection and maintenance are two processes which you must be committed to in order to ensure safe rides and a long life of your ECOPED.

CAUTION!

Failure to properly inspect and maintain your ECOPED will result in quick degradation and wear of parts, as well as unpredictable behaviour, which will put your safety at risk.

Failure to inspect your ECOPED before operating increases the risk of an accident or equipment damage.

Always inspect your ECOPED each time before riding, and make sure it is in a safe operating condition.

When performing an inspection, follow the steps below and they will help you to perform an efficient and correct inspection that will ensure you a safe and prolonged life for your ECOPED.

3.1 INSPECTION BEFORE RIDING

BRAKES

Check your front and rear brakes by standing next to your ECOPED and engaging one brake at a time starting with the front. Squeeze the lever half way and check to see if there is resistance by trying to move the ECOPED forward. You should have a hard time moving it forward, but it will still move. Squeeze the lever all the way and try to move the bicycle. The brakes should be locked up completely and the bicycle should not move. When checking the rear brake, sit on your ECOPED and perform the same procedure. Move the bicycle with your feet.

STEERING

Check your steering by stepping over your ECOPED and moving the bars from left to right. Make sure the bars rotate freely and that there is nothing restricting the bars from completing the rotations. Make sure there is no play or looseness when rotating the bars.

TIRE PRESSURE

Check the tire pressure by manually squeezing the tire or using a PSI gauge. The tire pressure should be from 28-34PSI in order to ensure a safe ride.

HORN

Check that the horn buttons work. The horn installed on your ECOPED is loud and must not be tested indoors, as this may cause hearing damage.

LIGHTS

Check the headlights by turning them on and off.

THROTTLE

Check the throttle response by turning your ECOPED off and twisting the right grip back and forth. Make sure that the grip rotates back to its original position easily.

CHAIN

Check the chain tension by applying pressure on the chain with your finger. The chain should feel fairly tensioned, not loose.

MIRRORS

Check your mirrors when you are outside and ready to ride. Adjust both mirrors to achieve a maximum field of view.

BATTERY

Check the battery level before every use. Always keep the battery charged by plugging in your ECOPED every time you come back from

a ride.

3.2 INSPECTION AFTER RIDING

After riding, make sure that your ECOPED is turned off and the key removed from the ignition.

Make sure to leave the battery charging by plugging the charger into your ECOPED.

Make sure that one of the two kickstands is engaged when your ECOPED is parked.

4. RIDING

Riding your ECOPED will require your full attention and concentration in order to ensure maximum safety to yourself and others travelling on the road. Every time you step outside to travel or commute on your ECOPED, you will have a different experience from riding, based on the weather, terrain, and traffic conditions. Therefore, ECOPED recommends that you follow all of the tips and procedures outlined below to ensure you a safe ride on your electric bicycle.

4.1 WEATHER

Operating your ECOPED in wet weather conditions may pose a substantial risk and is not recommended. Try to limit your use when rain and other precipitation is expected. Stay informed about the weather forecast in your area and plan your use accordingly.

4.2 WEATHER CONDITIONS

Your ECOPED is designed to operate in weather ranging from -5°C to 40°C. The temperature also affects the efficiency of the battery, allowing it to function more effectively in warmer temperatures. Temperatures of 0°C will reduce the battery performance to more than 1/3. Operating in extreme temperatures will reduce the performance and life time of your batter and non-electric components.

CAUTION!

Operating your ECOPED in any rain or snow is not recommended. Moisture poses the biggest risk to damaging your ECOPED. Warranty does not cover damage due to moisture.

4.3 SEASONS

Your ECOPED has a minimum and maximum operating temperature, restricting the bicycle from operating in certain seasons, such as late fall, winter, and early spring. Depending on the climate of your geographical area of resident, the temperatures in those times of the year can drop below the minimum operational temperatures, restricting you from operating your ECOPED. Your ECOPED is designed to operate at peak efficiency from -5°C to 40°C. Never operate your bicycle in excess of 40°C and -10°C.

4.4 ROAD CONDITIONS

Your ECOPED is designed for certain road conditions, which will depend on the current season and range of temperatures. Your ECOPED is designed to be ridden on dry tarmac, having enough grip to handle well on tarmac covered with light gravel.

CAUTION!

Tarmac roads covered with heavy gravel, or entirely consisting of gravel, must not be ridden on. Doing so will put your safety and your ECOPED at risk.

CAUTION!

Your ECOPED must not be operated on snow or winter salt covered roads. Salt and frigid temperatures are harmful to the circuits inside of your ECOPED and must be avoided.

4.4.1 RIDING OVER OBSTACLES

Your ECOPED is designed to have sufficient ground clearance for normal use. Avoid large obstacles as often as possible or provide support with your legs when riding over large objects.

CAUTION!

Avoid extremely steep slopes as this may severely damage the bottom of your ECOPED.

4.4.2 RIDING DOWNHILL

Your ECOPED is equipped with a PRS (Power Regeneration System), which uses an alternator to convert energy generated from coasting to electric energy. Never speed downhill and always keep your hand on

the brakes in case of an emergency. Limit your speed by constantly applying the brakes. Your ECOPED is not designed to travel faster than 40km/h. Such speeds will be reached when going down very steep hills and therefore such hills must be either avoided or ridden on responsibly.

CAUTION!

Speeding will cause damage to the wheel mechanism of your ECOPED and may result in loss of control and personal injury.

4.4.3 RIDING UPHILL

Riding uphill requires experience and knowledge of your ECOPED's potential. Your ECOPED is designed to carry a total load of 125kg, up on a maximum slope of 16°. A larger load will decrease the maximum climbing angle as well as the speed at which your ECOPED will travel up that hill. When climbing a steep slope, always pedal with the assistance of a motor.

WARNING!

Travelling too slow up the hill will cause loss of balance, which may result in serious injury.

4.5 PEDALING

Your ECOPED is equipped with folding pedals. In case of a battery motor failure, pedals can be used as an alternative method of power. When standing still, use the pedals to start moving the ECOPED forward, and then switch over to electrical power when needed. This method will greatly conserve battery power during commuting or long periods of use.

4.6 TURNING

When riding your ECOPED, it is your responsibility to be a safe and informed driver. When on the road, do not make any sudden movements when turning into an intersection. Always signal and check your mirrors and blind spots. Before turning, make sure to slow down to a safe speed, which will allow for a safe turn. For more information, refer to your provincial motorcyclist handbook.

4.7 ACCELERATING

Your ECOPED is designed to gradually accelerate to a speed of 32km/h from a standstill position. Depending on the total load, it may take a few hundred meters for your ECOPED to accelerate to its top speed. Travelling at top speed can be very dangerous if not carried out correctly. When accelerating, keep the bicycle moving straight and make sure none of the brakes are engaged.

WARNING!

Any sudden movements or swerves may cause the bike to lose control and may cause serious injuries.

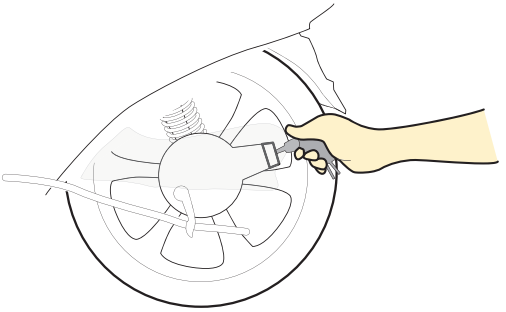
4.8 BRAKING

Your ECOPED is equipped with drum brakes at both rear and front. When braking, gradually squeeze the right lever until the bicycle comes to a complete stop. The right lever engages the front brake, which is proven to be more efficient than rear brake in most situations. Squeezing the left lever will engage the rear brakes. Using the rear brake in conjunction with the front brake will achieve the fastest and safest braking. Do not solely rely on a single brake.

4.9 PARKING

Your ECOPED is equipped with two kickstands: a flick stand and a double stand. The kickstand is used to temporarily park your ECOPED on either short or prolonged periods of time.

4.9.1 REAR WHEEL LOCK



Your ECOPED is equipped with a rear wheel lock, to prevent the rear wheel from rotating. To engage, insert an alternative, elongated key and turn clockwise. When engaged, the rear wheel should lock up and rotation should not be possible.

4.9.2 DOUBLESTAND

The double stand is a larger stand that uses two metal legs to balance your ECOPED. When deploying, make sure that the ground surface underneath is hard and rough. Use the little foot pedal to pull the stand out halfway and then push the bicycle backward, while at the same time pushing on the little pedal. The double stand is more reliable and sturdy than the flick stand and should be used when parking on uneven surfaces. The double stand should also be used during service parking. When folding the double stand back its position, step on the little foot pedal and force the bicycle forward while keeping your weight on the pedal. Never sit on your ECOPED when it is parked with the double stand deployed, as this may permanently damage the kick-stand mechanism.

5. MAINTENANCE

Maintaining your ECOPED requires commitment and a schedule that must include visits to your local dealers.

CAUTION!
Failure to properly inspect and maintain your ECOPED will result in faster degradation and wear of parts, as well as unpredictable behaviour, which may put your safety at risk.

Always inspect your ECOPED each time before you ride and make sure it is in a safe operating condition.

5.1 BATTERY MAINTENANCE

Your rechargeable battery must be handled with care due to the nature of chemicals inside. If unused for a long period of time, the battery must be removed from your ECOPED and stored in a dry place at room temperature. Leaving the battery outdoors where temperatures may shift drastically will damage the battery.

5.2 BATTERY RECYCYLING

If properly maintained, the battery should last for 300-400 charge cycles. Changes in the battery life per charge may indicate that it is time to replace the battery. Contact your local battery recycling organization for more information. ECOPED batteries are 74% recyclable, so riding your ECOPED is not the only way to stay green!

5.3 LUBRICATION

Perform chain lubrication every month. Clean the chain from any debris and remove any old lubricant with a dry cloth. Make sure to use quality chain lubricants and follow all of the specified instructions.

5.4 TIRES

Check your tires every couple of weeks for any signs of wear. Replace the tires at your local service center if no tread is visible.

5.5 BRAKES

Brake maintenance must be performed biweekly. To tighten a loose break, unscrew the bold located at the end of the lever and tighten it by screwing the nut into the opposite direction. Make sure to not over tighten the brakes, as this will overheat and damage the motor.

5.6 STORAGE

Your ECOPED is equipped with three storage compartments for your convenience and ease of transportation. The primary, the glove storage, is located underneath the instrument panel in the front of your ECOPED. The secondary area, or the seat storage, is located underneath the seat. The third area, or the detachable storage, is in the form of a detachable container attached to the edge of your seat.

CAUTION!

Cargo areas have limited load capacity restrictions, which must be precisely followed otherwise loss of control, injury, and damage to your ECOPED may occur.

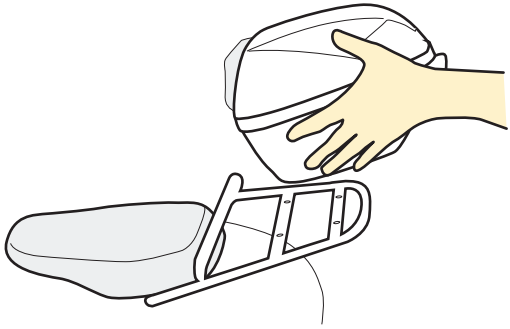
5.6.1 WINTER STORAGE

Prior to prolonged winter storage, the battery must be fully charged and must be fully charged every 30 days throughout the storage period

to ensure long life. Keep it at room temperature, at no less than 20°C (68°F).

5.6.2 DETACHABLE STORAGE

Your ECOPED is equipped with a detachable storage compartment, which you can use to transport objects of a limited weight (see the specifications section for detailed limitations). The built-in detachable storage area is located on the top end of the seat is also equipped with a security lock.



5.6.3 ECOPED STORAGE

Follow the steps outlined below when storing your ECOPED for long periods of time.

1. Prior to storage, make sure to remove the battery from your ECOPED. Avoid placing any heavy objects, or stacking anything on top of the bicycle. The outer body of the bicycle is made of hard plastic, which may crack under heavy loads.
2. Store your battery in a dry, warm place away from heat, moisture, and fire.
3. Make sure to charge the battery after every use. Improper storage will result in damage to your ECOPED and may shorten the life span of crucial components.

5.7 ECOPED CLEANING

Your ECOPED bicycle contains many electrical components. Therefore, pressure washing your ECOPED with water may cause damage to your ECOPED. A more delicate cleaning procedure of washing the bicycle by hand is required in order to ensure that water doesn't get

into unwanted areas. Before you start cleaning, make sure that the key is removed from the ignition. Use a wet cloth to clean out and remove any unwanted debris, such as dirt, dust, and grass. If you notice any debris stuck in the chain drive, make sure to carefully remove it.

6. SPECIFICATIONS

Battery:	48V 12Ah or 576Wh Rechargeable Battery
Motor:	780W Peak, 350 W Average
Load Capacity:	125Kg
Constant Driving Distance:	40-50km
Max Climbing Ability:	16 degrees
Charging TIme:	6-8 hours
Maximum Speed:	32km/h
0-30km/h Acceleration:	4.12 seconds
Minimum Operating Temperature:	-10°F - 14°F
Maximum Operating Temperature:	40°F - 104°F

For full specifications, please visit www.ecoped.ca